	₹,			JCARRec'd PCT/PTO 0.7 FEB 2002						
	И РТО- 11-200		F COMMERCE PATENT AND TRADEMARK OFFICE	AH CANEY'S DOCKET NUMBER 117-375						
			R TO THE UNITED STATES	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)						
			CTED OFFICE (DO/EO/US) ING UNDER 35 U.S.C. 371	. 10,019,686						
INTE		TIONAL APPLICATION NO. PCT/GB00/02571	INTERNATIONAL FILING DATE 5 July 2000	PRIORITY DATE CLAIMED 8 July 1999						
TITL	E OF	INVENTION	PRINTED CIRCUIT FABRICAT	TION						
APP	LICA	NT(S) FOR DO/EO/US		•						
Ann	licant	horowith submits to the Units	BAND d States Designated/Floated Office (DO/FC	D/US) the following items and other information:						
лур 1.			of items concerning a filing under 35 U.S.C.	· ·						
2.			EQUENT submission of items concerning a							
3.			·							
J.	ш	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.		The U.S. has been elected I	by the expiration of 19 months from the prior	rity date (Article 31).						
5.	A co	ppy of the International Applica	ation as filed (35 U.S.C. 371(c)(2)).							
	a.	is attached hereto (req	uired only if not communicated by the Interr	national Bureau).						
	b.	☐ has been communicate	ed by the International Bureau.							
	C.	\square is not required, as the	application was filed in the United States Re	eceiving Office (RO/US).						
6. ·		An English language transla	tion of the International Application as filed	(35 U.S.C. 371(c)(2)).						
	a.	is attached hereto.								
•	b.	has been previously su	ubmitted under 35 U.S.C. 154(d)(4).							
7.		Amendments to the claims of	of the International Application under PCT A	rticle 19 (35 U.S.C. 371(c)(3))						
	a.	are attached hereto (re	equired only if not communicated by the Inte	rnational Bureau).						
	b.	☐ have been communica	ted by the International Bureau.							
	c.	have not been made; h	nowever, the time limit for making such ame	ndments has NOT expired.						
	d.	have not been made a	nd will not be made.							
8.		An English language transla	tion of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	\boxtimes	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
	Item	ns 11 To 20 below concern	document(s) or information included:							
11.		An Information Disclosure S	tatement under 37 C.F.R. 1.97 and 1.98.							
12.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.								
13.		A FIRST preliminary amendment.								
14.		A SECOND or SUBSEQUENT preliminary amendment.								
15.		A substitute specification.								
16.		A change of power of attorney and/or address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.								
18.		A second copy of the put	olished international application under 3	5 U.S.C. 154(d)(4).						
19.		A second copy of the Englis	h language translation of the international a	pplication under 35 U.S.C. 154(d)(4).						
20.		Other items or information.	Other items or information.							

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· ·						ATTORNEY'S DOCKET NUMBER				
	10,019,686 PCT/GB00/02571					117-375 CALCULATIONS PTO USE ONLY				
21. The following fees are submitted:							ALCULATIONS	——	J USE ONLY	
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO										
International preli USPTO but Interr										
International preli	minary exam	ination fee (3	37 C.F.R. 1.482) not paid t 45(a)(2)) paid to USPTO	o USPTO	\$740.00					
International preli	minary exam	ination fee (3	37 C.F.R. 1.482) paid to U	SPTO	\$710.00					
but all claims did not satisfy provisions of PCT Article 33(1)-(4)										
			ENTER APPROPRIATE		E AMOUNT =	\$	0.00			
months from the earliest	claimed prio	rity date (37 (\$	0.00			
CLAIMS		R FILED	NUMBER EXTRA		ATE					
Total Claims	20	-20 =	0	Х	\$18.00	\$	0.00			
Independent Claims	3	-3 =	0	X	\$84.00		0.00	╙		
MULTIPLE DEPENDENT	CLAINS(S)	(if applicable			30.00	\$	0.00	ـــــ		
Annlicant claims en	nall ontity eta	tue Soc 37	TOTAL OF AB CFR 1.27. The fees indica		ULATIONS =	\$	0.00	⊢		
are reduced by 1/2.		ius. See 37	OTA 1.27. The lees make				0.00			
Proceeding for of \$120.0	O for framish	ing the Feeli	ala Tuanadakian daka ak	S	UBTOTAL =	\$	0.00	Ь		
months from the earliest	claimed prio	rity date (37 (+			0.00			
Factor and a state of the state			T	OTAL NATI	ONAL FEE =	\$	0.00			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +							40.00			
Fee for Petition to Revive	Unintention	ally Abandon	ed Application (\$1280.00			\$	0.00			
			T01	AL FEES E	NCLOSED =	\$	40.00			
						A	mount to be:			
							refunded	\$		
	 -		Charged	\$	<u> </u>					
 a. A check in the amount of \$40.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. A duplicate copy of this form is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application. 										
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.										
			•		[1].	١.	N M			
SEND ALL CORRESPONDENCE TO:										
NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8 th Floor										
Arlington, Virginia 22201-										
Telephone: (703) 816-4000 Arthur R. Crawford										
NAME										
25,327						February 7, 2002				
					RATION NUMBE	R	Date			

				10 10 10 10	7 FEB 2002						
FORM PTO (REV 11-20			U.S. DEPARTMENT C	OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTÖRNEY'S DOCKET NUMBER 117-375						
				R TO THE UNITED STATES	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)						
				CTED OFFICE (DO/EO/US)	10.010.696						
INT	ERNA		APPLICATION NO.	ING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
PCT/GB00/02571				5 July 2000	8 July 1999						
TIT	LE O	INVEN	ITION								
				PRINTED CIRCUIT FABRICA	TION						
API	PLICA	NT(S) F	OR DO/EO/US	BAND							
App	licant	herewit	h submits to the Unite	d States Designated/Elected Office (DO/EC	D/US) the following items and other information:						
1.		This is	a FIRST submission	of items concerning a filing under 35 U.S.C	. 371.						
2.	\boxtimes	This is	a SECOND or SUBS	EQUENT submission of items concerning a	a filing under 35 U.S.C. 371.						
3.											
4.											
5.											
	a.	is	attached hereto (req	uired only if not communicated by the Interr	national Bureau).						
	b.	_		ed by the International Bureau.	,						
	c.	□ is	not required, as the a	application was filed in the United States Re	eceiving Office (RO/US).						
6.				tion of the International Application as filed							
	a.		attached hereto.		\ \-\\-\\-\\-\\-\\-\\\-\\\-\\\\-\\\\\\\\						
	b.	☐ ha	as been previously su	bmitted under 35 U.S.C. 154(d)(4).							
7.			· · · · · · · · · · · · · · · · · · ·								
	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau).										
	b.			ted by the International Bureau.	,						
	C.	☐ ha	ave not been made; h	owever, the time limit for making such ame	ndments has NOT expired.						
	d.		ave not been made ar		·						
8.		An Eng	ılish language translat	tion of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	\boxtimes			inventor(s) (35 U.S.C. 371(c)(4)).	(
10.		A Engli		on of the annexes of the International Prelim	ninary Examination Report under PCT						
	Item	s 11 To	20 below concern o	document(s) or information included:							
11.		An Info	rmation Disclosure St	atement under 37 C.F.R. 1.97 and 1.98.							
12.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.									
13.											
14.		A SEC	OND or SUBSEQUEN	IT preliminary amendment.							
15.		_									
6.		A change of power of attorney and/or address letter.									
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.										
8.		A seco	and copy of the publ	ished international application under 35	5 U.S.C. 154(d)(4).						
9.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										

20. 🗌

Other items or information.

	JCATION NO. (If known, see 37 C.F.R. 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER						
	10,019,686 PCT/GB00/02571					117-375 CALCULATIONS PTO USE ONLY				
21. The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):							ALCULATIONS	—P10	J USE ONLY	
Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1040.00 -										
International preli USPTO but Interr										
International preli	minary exam	ination fee (37 C.F.R. 1.482) not paid t 45(a)(2)) paid to USPTO	o USPTO						
International preli	minary exam	ination fee (37 C.F.R. 1.482) paid to U	SPTO						
International preli	but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$710.00 International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00									
			ENTER APPROPRIATE		MOUNT =	\$	0.00			
months from the earliest	claimed prior	rity date (37				\$	0.00			
CLAIMS	NUMBE		NUMBER EXTRA	RAT				,		
Total Claims Independent Claims	20	-20 = -3 =	0		18.00	\$	0.00			
MULTIPLE DEPENDENT			0	X \$280.	84.00	\$	0.00	⊢		
	02 (11/10(0)	(ii applicabl	TOTAL OF AB			\$	0.00	├		
Applicant claims sm	nall entity sta	tus. See 37	CFR 1.27. The fees indica		A110110 -	H	0.00	 		
are reduced by 1/2.							0.00			
				SUE	STOTAL =	\$	0.00			
months from the earliest	0, for furnish claimed prior	ing the Engli ity date (37		+			0.00			
F (T	OTAL NATION	AL FEE =	\$	0.00			
accompanied by an appr	opriate cover	sheet (37 C	F.R. 1.21(h)). The assignm .F.R. 3.28, 3.31). \$40.00 p	per property	+	\$	40.00			
Fee for Petition to Revive	Unintention	ally Abandor	ned Application (\$1280.00			\$	0.00			
		· ·	TOT	AL FEES ENC	LOSED =	\$	40.00			
						A	mount to be:			
						refunded \$ Charged \$				
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NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.										
SEND ALL CORRESPONDENCE TO: NIXON & VANDERHYE P.C.							-			
1100 North Glebe Road, 8 th Floor Arlington, Virginia 22201-4714										
Telephone: (703) 816-4000 Arthur R. Crawford										
NAME										
25,327						February 7, 2002				
					TON MI IMPE	D	Data			